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**(54) METHOD AND DEVICE  
FOR RECOGNIZING NON-  
CONTACT RESPONDER**

(57) Abstract:

**PROBLEM TO BE SOLVED:** To recognize responders without any radio interference by surely recognizing the responders without setting any return time for every responder in advance and byunnecessarying the special timer setting for preventing the overlap of return time from the responders when plural responders exist corresponding to one inquiry equipment inside the same communication area.

**SOLUTION:** In this method, a random bit is transmitted from inquiry equipment 1 to responders 2, specific ID codes previously owned by the responders 2 are successively compared with the random bit on the responder side and when both the codes are coincident with each other, data for response are transmitted from the responder 2 to the inquiry equipment 2.

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